## KARPAGAM ACADEMY OF HIGHER EDUCATION, COIMBATORE-641 021

# Ph.D Admission 2020 January batch

### **AREA OF RESEARCH INTEREST**

#### **Tamil**

Bhakthi Literature Sangam Literature & Modern Literature

### **English**

ELT& Fiction English Literature

## Management

Marketing Entrepreneurship (startups) HR

#### Commerce

Banking and Financial Services Taxation

### **Mathematics**

Fuzzy Algebra
Graph Theory
Fuzzy Stochastic, Differential Equations
Fluid Dynamics
Queueing Theory

## **Physics**

Solar Energy and its Utilization Nano-Thin film solar cells Thermoelectric materials Non-linear optical materials

### Chemistry

Battery Research, Synthetic organic chemistry Medicinal Chemistry Crystal growth Polymer and Nano chemistry

### **Computer Science**

Datamining
Deep Learning
DIP
Cyber Security
Digial Image Processing
Machine Learning

### **Biochemistry**

Cancer biology and medicinal plants Bone biology and cancer biology Natural products and phyto pharmacology Toxicology

### **Biotechnology**

Nanobiotechnology
Biopolymers
Drug Design and Discovery
Remote Sensing and GIS
Functional Genomics
Environmental Biotechnology
Bioprospecting of novel phytochemicals from natural resources

## Microbiology

Microbial Enzyme technology Bioactive compounds from microbes Plant microbial interaction Microbial pigments

# **Electronics and Communication Engineering**

Image processing, VLSI design and Embedded systems Bio Signal and Image Processing Artificial Neural Networks Wireless Communication systems

## **Electrical and Electronics Engineering**

Power System Deregulation Smart Grids

### **Computer Science and Engineering**

Neural Networks Data Science and Analytics Internet of Things

### **Mechanical Engineering**

Scheduling & Metal Matrix Composites. Cryogenic Treatment, Machining & Tribology Surface Coating & Corrosion

## **Civil Engineering**

Structural Engineering Environmental Engineering

### **Engineering Biotechnology**

Computational Chemistry

### **Pharmacy**

Phyto Oncology Pharmaceutical Analysis Natural Chemistry

## KARPAGAM ACADEMY OF HIGHER EDUCATION

Pollachi Main Road, Eachanari Post, Coimbatore-641 021.

### Ph.D. PART-TIME REGULATION

(Effective from 2020 January Batch)

- 1. Eligibility for admission to Part-time Ph.D.
  - 1. The candidate must have completed minimum 2 years of teaching / research experience at the College / University level / Recognized Research Institute.
  - 2. In case of professional, they must have completed a minimum of 3 years of experience at the managerial level.
  - 3. The candidates within 200km radius are only eligible for Part-time Ph.D. registration.

#### 2. Duration

The minimum duration for Ph.D. Part-time candidates is four years and a maximum period is six years.

### 3. Course work

The Scholar is required to write all the three courses at the end of the first year from the date of registration but has to pass all the courses within a maximum of two years. If the scholar does not complete course within two years, his / her registration will stand automatically cancelled.

The Scholar shall attend minimum of 30 hours class for Course work.

- 4. It is mandatory for the Part –time candidates
  - i. of Arts, Commerce & Management to meet their Guides atleast a minimum of 30 days in a year and the Scholars of Science, Engineering and Pharmacy to meet their Guides atleast a minimum of 60 days in a year.
  - ii. to participate in Time-line Presentation and Annual Research Congress every year. In case of failure, the period of submission of thesis will be extended for a further period of six months.
  - iii.Must have published two research articles in SCOPUS Indexed Journal in Arts, Commerce and Management & Web of Science in Science, Engineering and Pharmacy.

The candidate must submit his / her thesis within a maximum of 6 years, failing which his / her registration stands automatically cancelled.

As and when any amendments made in the UGC Regulations, that would also be applicable.

# UNDERTAKING BY THE SCHOLAR

| I,                          | hereby stat  | e that  | I have  | fully  | read   | and  | understo   | od the | above   |
|-----------------------------|--------------|---------|---------|--------|--------|------|------------|--------|---------|
| regulations and agree to a  | bide by thos | e regul | ations. | In cas | e of a | ny v | iolation I | agree  | for the |
| cancellation of my registra | ition.       |         |         |        |        |      |            |        |         |

(Signature of the candidate)

Date: